

ABSTRACT

An incinerator (10) comprising a combustion chamber (11) and a plurality of combustion-promoting fluid blast pipes (19) disposed so as to project from one location on the inner wall (12) of the combustion chamber, extend in that vertical direction and exit to the exterior from another location, wherein the combustion-promoting fluid blast pipes (19) are of a triple-pipe construction, composed of an air-supply pipe (20a), a steam/gas-supply pipe 20b provided outside thereof which supplies steam or combustible gas, and a water pipe which is provided further outside thereof, and nozzles (21), which are formed on these combustion-promoting fluid blast pipes (19), are formed in a position facing in one circumferential direction of the combustion chamber (11) so that a combustion-promoting fluid blown out from these nozzles forms a swirling flow within the combustion chamber (11).